

From glowbugs@theporch.com Wed Oct 23 11:24:18 1996  
Return-Path: <glowbugs@theporch.com>  
Received: from uro (localhost.theporch.com [127.0.0.1]) by uro.theporch.com  
(8.8.2/AUX-3.1.1) with SMTP id LAA20211; Wed, 23 Oct 1996 11:10:57 -0500 (CDT)  
Date: Wed, 23 Oct 1996 11:10:57 -0500 (CDT)  
Message-Id: <199610231610.LAA20211@uro.theporch.com>  
Errors-To: conard@tntech.campus.mci.net  
Reply-To: glowbugs@theporch.com  
Originator: glowbugs@theporch.com  
Sender: glowbugs@theporch.com  
Precedence: bulk  
From: glowbugs@theporch.com  
To: Multiple recipients of list <glowbugs@theporch.com>  
Subject: GLOWBUGS digest 329  
X-Listprocessor-Version: 6.0c -- ListProcessor by Anastasios Kotsikonas  
X-Comment: Please send list server requests to listproc@theporch.com  
Status: 0

#### GLOWBUGS Digest 329

Topics covered in this issue include:

- 1) Re: Power transformers vs. AF transformers  
by Bill Sorsby <bill.sorsby@dlep1.itg.ti.com>
- 2) Tool Question  
by jkh@lexis-nexis.com (John Heck)
- 3) Anyone using a Geloso VFO?  
by "Brian Carling" <bry@mnsinc.com>
- 4) Re: Where is it?? (fwd)  
by Jeffrey Herman <jherman@hawaii.edu>
- 5) Re: Where is it?? (fwd) (6T9er)  
by KA9EGW@aol.com
- 6) Re: Painting engraved panel markings  
by KA9EGW@aol.com
- 7) SAQ Test on 17.2 kHz.  
by W4AOS@aol.com
- 8) SAQ 17 KHz  
by "Gregory S. Raven" <gsraven@cris.com>
- 9) Re: SAQ Test on 17.2 kHz.  
by "Robert M. Bratcher Jr." <bratcher@worldnet.att.net>

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Date: Tue, 22 Oct 1996 13:29:25 -0500  
From: Bill Sorsby <bill.sorsby@dlep1.itg.ti.com>  
To: Art Winterbauer <art@comet.ucar.edu>  
Cc: glowbugs@theporch.com  
Subject: Re: Power transformers vs. AF transformers

Message-ID: <199610221829.NAA19548@lesol1.dseg.ti.com>

Art, what I know of transformer design is that it's a bit of black magic. I looked through a couple of books here dealing with the stuff. There are many factors transformers designers have to consider; core material, efficiency, frequency response, power handling and quite a few others. Some of the smaller power transformer can be used in limited audio applications if frequency response isn't terribly important. It sounds like the transformer you've been playing with even has potential.

Fair Radio has a number of audio transformers available inexpensively, including one with a 62,500 ohm primary and 1340 ohm secondary, which is nearly a 7:1 ratio transformer. (turns ratio =  $\text{Squareroot}(Z_2/Z_1)$ ). Good luck with your project.

Regards,  
Bill Sorsby, N5BU

\*\*\*\*\*  
bill.sorsby@dlep1.itg.ti.com  
Views expressed herein are no one's fault but mine.  
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Date: Tue, 22 Oct 96 15:14:11 EDT  
From: jkh@lexis-nexis.com (John Heck)  
To: glowbugs@theporch.com  
Subject: Tool Question  
Message-ID: <9610221914.AA02045@beans.lexis-nexis.com>

Folks,  
I have run into some setscrews in vintage gear recently that have a slot shape that is new to me. Unlike the familiar hex slot, found in Allen setscrews, this slot is cross shaped. There was a thread last Spring going in the BA list about "Bristol" drivers. Is this cross shaped slot a "Bristol" slot? If so, where can I buy a set of drivers for this shape slot? Any help appreciated.  
Regards,  
John Heck, KC8ETS  
Dayton, Ohio  
jkh@lexis-nexis.com  
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Date: Tue, 22 Oct 1996 18:05:31 +0000  
From: "Brian Carling" <bry@mnsinc.com>  
To: boatanchors@theporch.com  
Subject: Anyone using a Geloso VF0?  
Message-ID: <199610230102.VAA02952@user2.mnsinc.com>

Hi - is anyone else here using, or own a Geloso VF0/Exciter?

I have a model 4/104 with data on this and also on the 4/101 which was the older Octal tubes version.

Mine uses 6CL6 to a 5763 - looks restorable.

73 from Radio AF4K / G3XLQ in Gaithersburg, MD USA  
bry@mnsinc.com  
\*\*\* See the great ham radio resources at:  
<http://www.mnsinc.com/bry/>

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Date: Tue, 22 Oct 1996 15:05:17 -1000  
From: Jeffrey Herman <jherman@hawaii.edu>  
To: Glowbugs List <glowbugs@theporch.com>  
Subject: Re: Where is it?? (fwd)  
Message-ID: <Pine.GS0.3.93.961022150511.27597B-1000000@uhunix3>

----- Forwarded message -----  
Date: Tue, 22 Oct 1996 14:36:19 -1000  
From: Jeff Duntemann <jeffd@coriolis.com>  
To: jherman@hawaii.edu  
Subject: Re: Where is it??

At 01:19 AM 9/29/96 -0500, you wrote:  
>One source is the 60s and early 70s ARRL Handbook. My '72 edition  
>had a 6T9 single tube xmtr in it; if a 6T9 ever falls in my lap  
>I'll surely build one.

I built that rig a couple of years ago and it worked beautifully. I call it the 69er (6T9er) and I'd still be using it except I pulled the power transformer for use in something else.

If you're looking for a nice little 5W rig, this is it.

--73--

--Jeff Duntemann KG7JF  
Scottsdale, Arizona

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Date: Tue, 22 Oct 1996 22:03:35 -0400  
From: KA9EGW@aol.com  
To: jherman@hawaii.edu  
Subject: Re: Where is it?? (fwd) (6T9er)  
Message-ID: <961022220333\_1745806274@emout17.mail.aol.com>

I know the 6T9 is just a 6C4 and some pentode in a single envelope; might not a 6C4 and 5763 work as well?

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Date: Tue, 22 Oct 1996 22:06:12 -0400  
From: KA9EGW@aol.com  
To: klccarru@tenet.edu  
Subject: Re: Painting engraved panel markings  
Message-ID: <961022220553\_1079352398@emout01.mail.aol.com>

It's hard to beat a #00 pinstriper's brush and "Sign Painter's One-Shot" brand enamel...

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Date: Wed, 23 Oct 1996 05:31:54 -0400  
From: W4AOS@aol.com  
To: glowbugs@theporch.com  
Subject: SAQ Test on 17.2 kHz.  
Message-ID: <961023053154\_131409272@emout14.mail.aol.com>

No results here in Vienna, Va.

Some consumer device was putting out a signal right on 17.2 kHz, wide and with 60 Hz sidebands. It was there last night when I checked the receiver out, and I had hoped it would be gone in the wee hours, but no such luck.

I could copy the following stations at my QTH this morning, all with some kind of machine generated signal:

15.1 kHz HWU Lebinc, France  
16.0 kHz GBR Rugby, England  
18.1 kHz UMS Former USSR

19.6 kHz GBZ Crigion, Wales  
21.1 kHz 3SB PRC  
23.4 kHz NPM Lualualue, Hawii  
24.0 kHz Cutler, Maine (I could have copied this one with a crystal set,  
loud!)

But, alas these are not historic stations.

Hope someone was able to copy SAQ and get a good recording.

73 Bob w4aos@aol.com

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Date: Wed, 23 Oct 1996 06:34:01 -0400  
From: "Gregory S. Raven" <gsraven@cris.com>  
To: glowbugs@theporch.com  
Subject: SAQ 17 KHz  
Message-ID: <2.2.32.19961023103401.006bf348@pop3.cris.com>

GM-

NIL reception of SAQ here in south Florida. Drove to a very quiet location  
(the Everglades). I was able to hear Omega navigation signals loud and  
clear, and some other transmissions I could not identify. I listened from  
0855 until about 0945. Absolutely zilch copy.

Hope someone else had better luck. There was a geomagnetic storm beginning  
according to WWV. Maybe this affected 17 KHz propagation.

73 de Greg KF5N, landline FA  
Collector of Landline Telegraph  
Secretary/Treasurer TP Chapter MTC  
Visit "Telegraph Lore"  
<http://www.cris.com/~Gsraven/index.shtml>

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Date: Wed, 23 Oct 1996 09:35:24 -0500  
From: "Robert M. Bratcher Jr." <bratcher@worldnet.att.net>  
To: glowbugs@theporch.com  
Subject: Re: SAQ Test on 17.2 kHz.  
Message-ID: <1.5.4.32.19961023143524.00697478@postoffice.worldnet.att.net>

At 09:34 AM 10/23/96 +0000, you wrote:

>No results here in Vienna, Va.  
>  
>Some consumer device was putting out a signal right on 17.2 kHz, wide and  
>with 60 Hz sidebands. It was there last night when I checked the receiver  
>out, and I had hoped it would be gone in the wee hours, but no such luck.  
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>I could copy the following stations at my QTH this morning, all with some  
>kind of machine generated signal:  
>  
>15.1 kHz HWU Lebinc, France  
>16.0 kHz GBR Rugby, England  
>18.1 kHz UMS Former USSR  
>19.6 kHz GBZ Crigion, Wales  
>21.1 kHz 3SB PRC  
>23.4 kHz NPM Lualualue, Hawii  
>24.0 kHz Cutler, Maine (I could have copied this one with a crystal set,  
>loud!)  
>  
>But, alas these are not historic stations.  
>  
>Hope someone was able to copy SAQ and get a good recording.  
>  
>73 Bob w4aos@aol.com  
>

Well I had no luck myself on this historic DX in Houston TX. Have to live in the country I guess! I got all the others mentioned though.

Robert M. Bratcher Jr.

E-mail to:

bratcher@worldnet.att.net

Record collector, 8mm, super 8, 16 and 35mm Film collector.

I like old radio's too.

Collins, Hallicrafters, National & Hammurland are my Favorites!

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End of GLOWBUGS Digest 329

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